

REMARKS

Claim Rejections

Claims 1, 4-5 and 13 are rejected under 35 U.S.C. § 102(b) as being anticipated by Wei (U.S. 6,579,017). Claims 8-10 are rejected under 35 U.S.C. §103(a) as being unpatentable over Wei. Claims 2, 6-7 and 11-12 are objected to, but would be allowable if rewritten to include all of the limitations of the base claim and any intervening claims.

Amendments to Specification

Applicant has amended the Specification as noted above to cure obvious grammatical and idiomatic inaccuracies. No "new matter" has been added to the original disclosure by the foregoing amendments to the Specification.

Drawings

It is noted that no Patent Drawing Review (Form PTO-948) was received with the outstanding Office Action. Thus, Applicant must assume that the drawings are acceptable as filed.

New Claims

By this Amendment, Applicant has canceled claims 1-13 and has added new claims 14-26 to this application. It is believed that new claims 14-26 are commensurate in scope with original claims 1-13. It is believed that the new claims specifically set forth each element of Applicant's invention in full compliance with 35 U.S.C. § 112, and define subject matter that is patentably distinguishable over the cited prior art.

The Examiner has indicated that claims 2, 6-7 and 11-12 would be allowable if rewritten in independent form. New claim 15 is believed to be commensurate in scope with original claim 2. New claim 19 is believed to be commensurate in scope with original claim 6. New claim 20 is believed to be commensurate in scope with original claim 7. New claim 24 is believed to be commensurate in scope with original

claim 11. New claim 25 is believed to be commensurate in scope with original claim 12.

Applicant has rewritten original claim 3 as new claim 16, even though original claim 3 was previously withdrawn, because Applicant believes new claim 14 should be allowed as a generic claim and the election withdrawn.

The new claims are directed toward a pivotal shaft assembly for a plane display comprising: a bottom plate (1); a fixing member (2) having: a support base (21) connected to a front of the bottom plate; and a joint seat (24) having a shaft groove (241) through a center thereof; a rotational member (3) being a U-shaped frame and having: two wing plates (31) protruding outwardly from opposing ends thereof, each of the two wing plates having an engaging hole (311), the joint seat being located between the two wing plates; two packing rings (32), one of the two packing rings being located between each of the two wing plates and the joint seat; and an axial bolt (33) inserted through the engaging hole of a first wing plate of the two wing plates, the shaft groove, and the engaging hole of a second wing plate of the two wing plates, the axial bolt being connected to a threaded fastener (34) at a first end thereof selectively securing the joint seat between the two wing plates; and a spherical nest device (4) having: a connecting stem (41) having a positioning ball (413) and an extension rod (411) connected to the positioning ball; first and second semi-spherical durable rings (42); a blocking lid (43) covering the first semi-spherical durable ring and having a through hole (432), the extension rod extending through the through hole and is connected to the rotational member; and a front cover (44) connected to the blocking lid and the rotational member on opposite sides thereof, the second semi-spherical durable ring being inserted into the front cover, the first and the second semi-spherical durable rings are located on opposing sides of the positioning ball between the front cover and the blocking lid, wherein the rotational member is pivotally adjustable with respect to the fixing member, and the front cover is pivotally and rotatably adjustably with respect to the rotational member.

Other embodiments of the present invention include: a plurality of screws (431) movably between locked and unlocked positions, the blocking lid having at least three blocking lid through holes (432), the front cover having at least three threaded joining holes (442) aligning with the at least three blocking lid through

holes, each of the plurality of screws is inserted through one of the at least three blocking lid through holes and connected to one of the at least three threaded joining holes, when the plurality of screws are in the locked position, the positioning ball is fixed between the locking lid and the front cover, and, when the plurality of screws are in the unlocked position, the positioning ball is pivotally and rotationally adjustable between to the locking lid and the front cover; the blocking lid having external threads (433) and a plurality of operational holes (434) equally spaced around and outer periphery thereof, the front cover having internal threads (446) threadedly connected to the external threads, the blocking lid is movably between locked and unlocked positions relative to the front cover by utilizing a fixture inserted into selected holes of the plurality of operational holes to turn the blocking lid, when the blocking lid is in the locked position, the positioning ball is fixed between the locking lid and the front cover, and, when the blocking lid is in the unlocked position, the positioning ball is pivotally and rotationally adjustable between to the locking lid and the front cover; the bottom plate having one of a plurality of plate holes and a plurality of plate grooves; a bottom plate screw (13), the bottom plate having a piercing hole (12) located in a center thereof, the support base having a threaded base hole (22), the bottom plate screw is inserted through the piercing hole and connected to the threaded base hole, such that the fixing member is connected to the bottom plate; the bottom plate having a plurality of locating holes (14), the support base having a plurality of locating tenons (24), each of the plurality of locating tenons is inserted into one of the plurality of locating holes; each of the two wing plates having a plurality of fitting holes (312) spaced around an outer periphery, each of the two packing rings having a plurality of projections (321) aligning with the plurality of fitting holes, each of the plurality of projections is inserted into one of the plurality of fitting holes; the axial having a bolt head (332) having at least one flat edge (333) engaging a stopper of one of the two wing plates; two decoration covers, one of the two decoration covers covering each of the two wing plates; each of the two wing plates having a plurality of fitting holes (312) spaced around an outer periphery, each of the two decoration covers having a plurality of projections (361) aligning with and inserted into the plurality of fitting holes; a wire arranging device (37) having an engaging ring (372) having one of two opposing ends connected

each of two engaging parts (371) located on opposing sides of one of the two packing rings; a connecting plate (5) having a lap part (52) and a plurality of engaging holes (53), the front cover having a plurality of piercing holes (444), and a plurality of fasteners (445), one of the plurality of fasteners is inserted through each of the plurality of fasteners piercing holes and connected to each of the plurality of fasteners engaging holes; and each of the plurality of fasteners is a hand knob threaded bolt.

The cited reference to Wei teaches a tripod having a camera platform (10) rotatably and pivotally (forward and back) connected to a holder frame (40), the holder frame, and a post (50) pivotally connected to the holder frame.

Wei does not teach a support base (21) connected to a front of the bottom plate; two packing rings (32), one of the two packing rings being located between each of the two wing plates and the joint seat; an axial bolt (33) inserted through the engaging hole of a first wing plate of the two wing plates, the shaft groove, and the engaging hole of a second wing plate of the two wing plates; the axial bolt being connected to a threaded fastener (34) at a first end thereof selectively securing the joint seat between the two wing plates; a blocking lid (43) covering the first semi-spherical durable ring and having a through hole (432), the extension rod extending through the through hole and is connected to the rotational member; a front cover (44) connected to the blocking lid and the rotational member on opposite sides thereof, the second semi-spherical durable ring being inserted into the front cover, the first and the second semi-spherical durable rings are located on opposing sides of the positioning ball between the front cover and the blocking lid; the rotational member is pivotally adjustable with respect to the fixing member, and the front cover is pivotally and rotatably adjustably with respect to the rotational member; a plurality of screws (431) movably between locked and unlocked positions, the blocking lid having at least three blocking lid through holes (432), the front cover having at least three threaded joining holes (442) aligning with the at least three blocking lid through holes, each of the plurality of screws is inserted through one of the at least three blocking lid through holes and connected to one of the at least three threaded joining holes, when the plurality of screws are in the locked position, the positioning ball is fixed between the locking lid and the front cover, and, when the plurality of screws

are in the unlocked position, the positioning ball is pivotally and rotationally adjustable between to the locking lid and the front cover; the bottom plate having a plurality of locating holes (14), the support base having a plurality of locating tenons (24), each of the plurality of locating tenons is inserted into one of the plurality of locating holes; each of the two wing plates having a plurality of fitting holes (312) spaced around an outer periphery, each of the two packing rings having a plurality of projections (321) aligning with the plurality of fitting holes, each of the plurality of projections is inserted into one of the plurality of fitting holes; a wire arranging device (37) having an engaging ring (372) having one of two opposing ends connected each of two engaging parts (371) located on opposing sides of one of the two packing rings; a connecting plate (5) having a lap part (52) and a plurality of engaging holes (53), the front cover having a plurality of piercing holes (444), and a plurality of fasteners (445), one of the plurality of fasteners is inserted through each of the plurality of fasteners piercing holes and connected to each of the plurality of fasteners engaging holes; nor does Wei teach each of the plurality of fasteners is a hand knob threaded bolt.

It is axiomatic in U.S. patent law that, in order for a reference to anticipate a claimed structure, it must clearly disclose each and every feature of the claimed structure. Applicant submits that it is abundantly clear, as discussed above, that Wei does not disclose each and every feature of Applicant's new claims and, therefore, could not possibly anticipate these claims under 35 U.S.C. § 102. Absent a specific showing of these features, Wei cannot be said to anticipate any of Applicant's new claims under 35 U.S.C. § 102.

It is further submitted that Wei does not disclose, or suggest any modification of the specifically disclosed structures that would lead one having ordinary skill in the art to arrive at Applicant's claimed structure. Thus, it is not believed that Wei renders obvious any of Applicant's new claims under 35 U.S.C. § 103.

Summary

In view of the foregoing amendments and remarks, Applicant submits that this application is now in condition for allowance and such action is respectfully requested. Should any points remain in issue, which the Examiner feels could best be resolved by either a personal or a telephone interview, it is urged that Applicant's local attorney be contacted at the exchange listed below.

Respectfully submitted,

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